



OWNER: Jack Harris  
TENANT: Windsor Hills Subdivision #3  
DRILLER: J. L. Eagle (Falwell)  
COUNTY: Campbell (Lynchburg)

VDMR #1153  
WWCR #289  
TOTAL DEPTH: 230'

GEOLOGIC LOG

0-10	Overburden - medium gray to light brown shiny, medium grained, quartz, muscovite, biotite, feldspar, pyrite, with cream colored calcite quartz and pyrite vein material.
10-20	As above.
20-30	As above.
30-40	Quartz Mica Schist - light gray, shiny, medium grained, good foliation crenulated, quartz, muscovite, pyrite, minor biotite.
40-50	Quartz Mica Gneiss - light gray, shiny, medium grained, more quartz, muscovite, pyrite, biotite.
50-60	No sample.
60-70	Quartz Mica Gneiss - light gray, shiny, medium grained quartz, muscovite, biotite, and pyrite, mica rich layers have crumpled foliation, the pyrite occurs in the quartz rich layers.
70-80	As above - mica rich layers absent.
80-90	As above - with mica rich layers.
90-100	As above.
100-110	Quartz Mica Gneiss - medium gray, shiny, medium gray, more homogeneous than above, all layers show foliation crenulations, quartz, muscovite, graphite, potash feldspar, tremolite, biotite, minor pyrite and pyrrhotite. A small portion of this interval contains sufficient graphite to be almost black.
110-120	As above.
120-130	Quartz, Mica, Gneiss - light medium gray, medium grained, foliated, quartz, muscovite, feldspar, biotite, pyrite, and pyrrhotite.

- 130-140 Quartz, Mica, Gneiss - light medium gray, medium grained, foliated, quartz, muscovite, feldspar, biotite, pyrite, and pyrrhotite.
- 140-150 As above.
- 150-160 Quartz, Mica, Gneiss - medium gray, shiny, fine to medium grained, muscovite, quartz, and feldspar, less pyrite. Graphite as inclusions in muscovite.
- 160-170 As above.
- 170-180 Quartz, Mica, Gneiss - light-medium gray, shiny, fine to medium grained, quartz, muscovite, feldspar, pyrite.
- 180-190 No sample.
- 190-200 Quartz Mica Gneiss - light-medium gray, shiny, fine to medium grained, quartz, muscovite, feldspar, pyrite.
- 200-210 Gneiss - dark gray slightly green, medium grained, biotite, hornblende, quartz, muscovite, minor garnet, pyrite in quartz rich areas.
- 210-220 Gneiss - medium gray and dark gray-green, medium grained, biotite, quartz, hornblende, muscovite, minor garnet, pyrite, minor calcite vein.
- 220-230 Quartz Mica Gneiss - medium light gray, medium grained, quartz, muscovite, with graphite inclusions, biotite, calcic oligoclase in large crystals, pyrite.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Lynchburg

Precambrian

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
October 23, 1964